

Appl. No. 09/854,334  
Amdt. Dated June 15, 2005  
Reply to Office Action of December 15, 2004

**EXHIBIT A**



AUGUST 08, 2001

BLAKELY SOKOLOFF TAYLOR ET AL.  
JOHN P. WARD  
12400 WILSHIRE BLVD, 7TH FLR  
LOS ANGELES, CA 90025-1030



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**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*700006744A\*

**RECEIVED**  
AUG 17 2001

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

**BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN**  
LOS ANGELES

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/07/2001

REEL/FRAME: 011829/0561  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

KIKINIS, DAN

DOC DATE: 07/17/2001

ASSIGNEE:

KAMEN, YAKOV

DOC DATE: 07/17/2001

ASSIGNEE:

ISURFTV, INC.  
413 TASMAN DRIVE  
SUNNYVALE, CALIFORNIA 94089

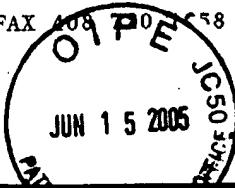
SERIAL NUMBER: 09854334

FILING DATE: 05/11/2001  
ISSUE DATE:

PATENT NUMBER:

DOROTHY RILEY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**ENTERED**  
AUG 17 2001  
**STATUS DB-LA**

B S T & Z  
08/07/2001  
700006744Form PTO-159S  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings → → →

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dan Kikinis

Yakov Kamen

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: July 17, 2001

2. Name and address of receiving party(ies)

Name: iSurfTV, Inc.

Internal Address: \_\_\_\_\_

Street Address: 413 Tasman Drive

City: Sunnyvale State: CA Zip: 94089

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/854,334

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: Blakely Sokoloff Taylor &amp; Zafman LLP

12400 Wilshire Boulevard, Seventh Floor

City: Los Angeles State: California Zip: 90025-1030

6. Total number of applications and patents involved:  1

7. Total fee (37 CFR 3.41).....\$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

02-2866

(Attach duplicate copy of this page if paying by deposit account)

## DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John P. Ward Reg No. 40,216

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents:  3Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

A0598551

State of California



**SECRETARY OF STATE**

I, *Kevin Shelley*, Secretary of State of the State of California, hereby certify:

That the attached transcript of 1 page(s) has been compared with the record on file in this office, of which it purports to be a copy, and that it is full, true and correct.

**IN WITNESS WHEREOF**, I execute this certificate and affix the Great Seal of the State of California this day of

JUL - 7 2003

*Kevin Shelley*  
Secretary of State

A0598551

CERTIFICATE OF AMENDMENT

OF ISURFTV

Gene Feroglia and Katherine Y. Marshall certify that:

**ENDORSED - FILED**  
In the office of the Secretary of State  
of the State of California

JUL - 7 2003

**KEVIN SHELLEY**  
Secretary of State

1. They are the duly elected and acting President and Secretary, respectively, of iSurfTV, a California corporation (the "Corporation").
2. Article I of the Corporation's Fourth Amended and Restated Articles of Incorporation, which were filed with the California Secretary of State on July 12, 2002, which presently reads as follows:  
"The name of the Corporation is iSurfTV"

is amended to read as follows:

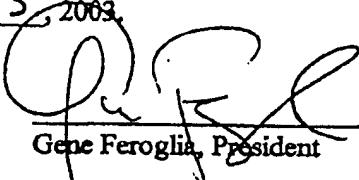
"The name of the corporation is Etalon Systems, Inc."

3. The foregoing amendment of the Fourth Amended and Restated Articles of Incorporation has been duly approved by the Board of Directors of the Corporation.

4. The foregoing amendment of the Fourth Amended and Restated Articles of Incorporation has been duly approved by the required vote of the shareholders of the Corporation in accordance with Sections 603 and 903 of the California General Corporation Law. The total number of outstanding shares of this corporation entitled to vote with respect to the foregoing Certificate of Amendment to Fourth Amended and Restated Articles of Incorporation was 9,083,535 shares of Common Stock, 937,500 shares of Series A Preferred Stock, 3,246,373 shares of Series B Preferred Stock, 411,523 shares of Series B-1 Preferred Stock and 1,028,513 shares of Series C Preferred Stock. The number of shares voting in favor of the amendment equaled or exceeded the vote required, such required vote being at least a majority of the total number of outstanding shares of Common Stock, at least a majority of the total number of outstanding shares of Preferred Stock and at least a majority of the total number of outstanding shares of Series C Preferred Stock.

The undersigned declares under penalty of perjury under the laws of the State of California that he has read the foregoing Certificate of Amendment and that the matters set forth in this Certificate are true and correct to his own knowledge.

Executed at Sunnyvale, California on July 3, 2003.

  
Gene Feroglia, President

  
Katherine Y. Marshall, Secretary



## **RECORDATION FORM COVER SHEET**

**U.S. DEPARTMENT OF COMMERCE**

**Patent and Trademark Office**

*Tab settings* ➔ ➔ ➔ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <u>Etalon Systems, Inc.</u>		2. Name and address of receiving party(ies):  Name: <u>Eagle New Media Investments, LLC</u>  Internal Address: <u>c/o Tribune Media Services, Inc.</u>	
Additional names(s) of conveying party(ies)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____		Street Address: <u>435 North Michigan Avenue</u>	
Execution Date: <u>July 14, 2003</u>		City: <u>Chicago</u> State: <u>IL</u> ZIP: <u>60611</u>	
Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Application number(s) or patent numbers(s):  If this document is being filed together with a new application, the execution date of the application is: _____			
A. Patent Application No.(s)  <u>09/854,334; 09/854,339; 09/783,886;</u> <u>09/783,932; 09/844,642; 09/858,762;</u> <u>09/875,546; 09/875,460; 09/875,707;</u> <u>09/875,461; 09/875,547; 09/947,286;</u> <u>09/733,824; 09/909,630; 10/029,784;</u>		B. Patent No.(s)  <u>6,342,884; 6,456,287; 6,356,280; 6,452,594;</u> <u>6,570,586; 6,229,541; 6,421,067; 6,205,485;</u> and <u>6,525,728</u>	
Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Robert J. Depke</u>  Internal Address: <u>Holland &amp; Knight LLC</u>		6. Total number of applications and patents involved: <u>76</u>	
Street Address: <u>131 South Dearborn, 30th Floor</u>		7. Total fee (37 CFR 3.41): ..... \$ <u>3,040.00</u>	
City: <u>Chicago</u> State: <u>IL</u> ZIP: <u>60603</u>		<input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account  <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
8. Deposit account number:  <u>50-1597</u>			
(Attach duplicate copy of this page if paying by deposit account)			

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**9. Statement and signature.**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Philip W. Woo, Reg. No. 39,880

**Name of Person Signing**

**Signature**

Total number of pages including cover sheet, attachments, and document:

July 18, 2003

Date

**Mail documents to be recorded with required cover sheet information to:**  
**Commissioner of Patents & Trademarks, Box Assignments**  
**Washington, D.C. 20231**

## EXHIBIT B

Total number of pages including cover sheet, attachments, and document:

## EXHIBIT B

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

1. Name of conveying party(ies):	
<b>Etalon Systems, Inc.</b>	
Additional names(s) of conveying party(ies)	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	
Execution Date: <u>July 14, 2003</u>	

2. Name and address of receiving party(ies):

Name: Eagle New Media Investments, LLC

Internal Address: c/o Tribune Media Services, Inc.

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Street Address: 435 North Michigan Avenue

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City: Chicago State: IL ZIP: 60611

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: _____	
A. Patent Application No.(s)  09/854,334; 09/854,339; 09/783,886; 09/783,932; 09/844,642; 09/858,762; 09/875,546; 09/875,460; 09/875,707; 09/875,461; 09/875,547; 09/947,286; 09/733,824; 09/909,630; 10/029,784;	B. Patent No.(s)  6,342,884; 6,456,287; 6,356,280; 6,452,594; 6,570,586; 6,229,541; 6,421,067; 6,205,485; and 6,525,728
Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Robert J. Depke</u>  Internal Address: <u>Holland &amp; Knight LLC</u>	6. Total number of applications and patents involved: <u>76</u>
Street Address: <u>131 South Dearborn, 30th Floor</u>	7. Total fee (37 CFR 3.41): ..... \$ <u>3,040.00</u>
City: <u>Chicago</u> State: <u>IL</u> ZIP: <u>60603</u>	<input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account  <input checked="" type="checkbox"/> Authorized to be charged to deposit account
8. Deposit account number: <u>50-1597</u>	
(Attach duplicate copy of this page if paying by deposit account)	

**9. Statement and signature.**  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.  July 18, 2003

Phillip W. Woo, Reg. No. 39,880

**Name of Person Signing**

**Signature**

July 18, 2003

Data

Total number of pages including cover sheet, attachments, and document:

To the Honorable Director of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Additional name(s) of conveying party(ies):

2. Additional Names and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Additional Application number(s) or patent number(s):

A. Patent Application No.(s)

10/029,508; 09/997,713; 09/997,336; 10/008,229;  
10/011,856; 10/072,114; 10/059,943; 10/059,547;  
10/087,778; 10/085,886; 10/090,206; 10/157,574;  
10/071,091; 10/087,975; 10/159,543; 10/166,810;  
10/171,024; 10/171,230; 10/177,462; 10/177,502;  
10/179,708; 10/179,713; 10/171,352; 09/718,595;  
10/039,589; 10/144,055; 10/156,167; 09/449,016;  
09/784,961; 09/784,840; 09/691,794; 09/691,792;  
09/691,796; 09/704,387; 09/708,220; 09/691,790;  
09/752,612; 09/844,998; 09/653,518; 09/782,896;  
09/665,367; 09/782,916; 09/664,843; 09/661,164;  
09/664,844; 09/773,806; 09/773,771; 09/733,310;  
09/996,456; 10/157,437; 10/351,228; and 10/351,027

B. Patent No.(s)

## ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS

- A. **WHEREAS**, Etalon Systems, Inc., a California corporation formerly known as iSurfTV ("Assignor"), and Eagle New Media Investments, LLC, a Delaware limited liability company ("Assignee"), are parties to that certain Asset Purchase Agreement dated as of July 2, 2003 (the "Purchase Agreement"), pursuant to which Assignee has agreed to purchase certain assets of Assignor, and Assignor has agreed to cause the same to be transferred, assigned and contributed to Assignee;
- B. **WHEREAS**, Assignor, warrants, affirms, and declares, without limitation, that Assignor is the sole owner of all rights in or under the intellectual property rights identified on Schedule A attached hereto.
- C. **WHEREAS**, Assignee desires to acquire all intellectual property rights identified on Schedule A attached hereto.
- D. **NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby irrevocably sells, transfers, conveys and assigns to Assignee, its successors and assigns all intellectual property rights identified on Schedule A attached hereto and all goodwill associated therewith.
- E. Assignor and Assignee agree and confirm that the worldwide intellectual property rights that are hereby sold, transferred, conveyed and assigned to Assignee herein specifically include, without limitation, the following:
  - 1. the patents, patent registrations, patent applications (including, without limitation, provisional applications, and regardless of whether such applications are current or abandoned) and abandoned patents identified on Schedule A (the "Patents"), including all patent licenses, divisional applications, continuing applications, continuation-in-part applications, reissue filings and reissue patents, reexamination filings and reexamined patents, and the inventions disclosed and claimed in these Patents;
  - 2. all trademarks, service marks, trade names and company names, whether registered or unregistered, identified on Schedule A (the "Marks"), including, trademark and service mark registrations and renewals thereof, use-based applications for registration, and intent-to-use applications for registration, and all goodwill associated with the foregoing;
  - 3. all copyrights identified on Schedule A (the "Copyrights"), including any and all renewals, reversions and extensions thereof; and
  - 4. all claims, demands and causes of action which relate to any infringement of the Patents, Marks, or Copyrights, including rights to all past damages, profits

and other monetary and other remedies available, arising or accruing by reason of any infringement that has occurred prior to the effective date of this Assignment of Intellectual Property Rights, and to sue for and collect same by the Assignee for the use and benefit of the Assignee and its successors and assigns.

- F. Assignor further hereby appoints Assignee as its attorney-in-fact with respect to the Patents, Marks and Copyrights, to act in Assignor's name, place and stead to execute, deliver and record any instrument of assignment or other document in any country in which the Patents, Marks and/or Copyrights are or were pending or issued, granting, confirming, perfecting the transfer of or otherwise relating to the rights assigned herein.
- G. Assignor agrees that it shall execute all documents reasonably necessary to perfect Assignee's title to the Patents, Marks and Copyrights.
- H. Nothing contained herein in any way limits the scope of the Purchased Assets being transferred by Assignor to Assignee pursuant to the Purchase Agreement.
- I. The Assignor and Assignee acknowledge that this Assignment of Intellectual Property Rights may be executed in counterparts, each of which will be deemed an original, but both of which together will constitute one and the same instrument.

IN WITNESS WHEREOF Assignor and Assignee have executed this Assignment of Intellectual Property Rights this 14<sup>th</sup> day of July, 2003.

ETALON SYSTEMS, INC.,  
formerly known as ISURFTV,  
Assignor

By:   
Name:  
Title:

EAGLE NEW MEDIA  
INVESTMENTS, LLC, Assignee

By Tribune Company, its sole  
manager

By: \_\_\_\_\_  
Name:  
Title:

IN WITNESS WHEREOF Assignor and Assignee have executed this Assignment of Intellectual Property Rights this \_\_\_\_\_ day of July, 2003.

ETALON SYSTEMS, INC.,  
formerly known as ISURFTV,  
Assignor

By: \_\_\_\_\_  
Name:  
Title:

EAGLE NEW MEDIA  
INVESTMENTS, LLC, Assignee

By Tribune Company, its sole  
manager

By: David J. Granat  
Name: David J. Granat  
Title: Vice President

STATE OF CALIFORNIA)

) SS.:

COUNTY OF SANTA CLARA)

On this 11<sup>th</sup> day of July, 2003, before me personally appeared  
Gen R. Feroglia, to me known and known to be President & CEO, ME  
Etalon Systems, Inc., formerly known as iSurfTV, the corporation which  
executed the foregoing instrument, and he acknowledged to me that he executed the same.



Vinay Desai

Notary Public

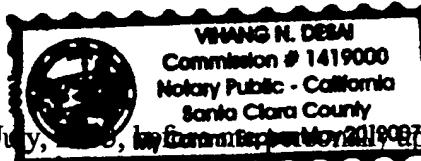
My Commission expires MAY 20<sup>th</sup>, 2007

STATE OF ILLINOIS)

) SS.:

COUNTY OF COOK)

On this \_\_\_\_\_ day of July, 2003, before me personally appeared  
\_\_\_\_\_, to me known and known to be \_\_\_\_\_, the  
of Tribune Company, the sole manager of Eagle New Media Investments  
LLC, the corporation which executed the foregoing instrument, and he acknowledged to me that  
he executed the same.



Notary Public

My Commission expires \_\_\_\_\_

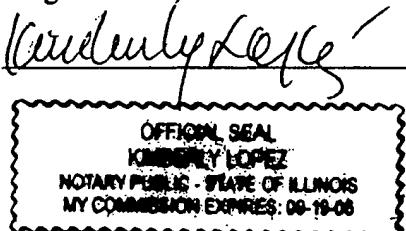
STATE OF CALIFORNIA)  
                        ) SS.:  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_ day of July, 2003, before me personally appeared  
\_\_\_\_\_, to me known and known to be \_\_\_\_\_, the  
of Etalon Systems, Inc., formerly known as iSurfTV, the corporation which  
executed the foregoing instrument, and he acknowledged to me that he executed the same.

\_\_\_\_\_  
Notary Public  
My Commission expires \_\_\_\_\_

STATE OF ILLINOIS)  
                        ) SS.:  
COUNTY OF COOK)

On this \_\_\_\_ day of July, 2003, before me personally appeared David J. Granat, to  
me known and known to be a Vice President of Tribune Company, the sole manager of Eagle  
New Media Investments LLC, the corporation which executed the foregoing instrument, and he  
acknowledged to me that he executed the same.



\_\_\_\_\_  
Notary Public  
My Commission expires 9-19-06

## SCHEDULE A

### Marks

Title: iSurfTV

Reg. No.:

Date registered:

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Title: SurfGuide

Reg. No.:

Date registered:

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Title: SurfSuite

Reg. No.:

Date registered:

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Title: SurfLine

Reg. No.:

Date registered:

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Title: SurfLink

Reg. No.:

Date registered:

---

Title: SurfServer

Reg. No.:

Date registered:

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### Copyrights

Title: SurfServer source code and all related documentation.

Reg. No.:

Date registered:

Title: SurfLine source code and all related documentation.

Reg. No.:

Date registered:

Title: SurfGuide source code and all related documentation.

Reg. No.:

Date registered:

### Patents

See attached spreadsheet.

**SCHEDULE A**  
Issued Patents

SurfTV Docket Number	Patent Number	Title	Inventor(s)	Issue Date
1	6,342,884	Method and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital image and video editing, transformation, and representation	Kamen, Yakov; Shirman, Leon	29-Jan-2002
2	6,456,287	Method and apparatus for 3D model creation based on 2D images	Kamen, Yakov; Shirman, Leon	24-Sep-2002
3	6,356,280	Mechanism and apparatus for realistic 3D model creation using interactive scissors	Kamen, Yakov; Shirman, Leon	12-Mar-2002
5	6,452,594	Method and apparatus for using a 3D graphics pipeline and 3D imaging for cost effective watermarking	Kamen, Yakov; Shirman, Leon	17-Sep-2002
9	6,570,586	Bandwidth effective method for communicating interactive links	Kamen, Yakov; Shirman, Leon	27-May-2003
10	6,229,541	Use of templates for cost-effective secure linking of video stream objects	Kamen, Yakov; Shirman, Leon	8-May-2001
12	6,421,067	Electronic programming guide	Kamen, Yakov; Shirman, Leon	16-Jul-2002
54	6,205,485	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan	20-Mar-2001
76	6,525,728	Method and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital image and video editing, transformation, and representation	Kamen, Yakov; Shirman, Leon	25-Feb-2003

**SCHEDULE A**  
Published Patent Applications

USPTO Docket Number	USPTO Application Number	Title	Inventor(s)	Date Application Number Assigned	Serial Number	Filing Date
20	20020059605	Universal programming system and method for EPG with localized interactive content	Kikinis, Dan; Kamen, Yakov	16-May-2002	09-854334	11-May-2001
21	20020059606	Universal programming system and method for EPG with added offline archive	Kikinis, Dan; Kamen, Yakov	16-May-2002	09-854339	11-May-2001
23	20020054066	Method and system for inputting time in a video environment	Kikinis, Dan; Kamen, Yakov	9-May-2002	09-783886	14-Feb-2001
25	20010035884	Method and system for inputting time in a video environment using sliders	Kikinis, Dan; Kamen, Yakov	1-Nov-2001	09-783932	14-Feb-2001
26	20020005910	Novel cursor control system	Kikinis, Dan; Kamen, Yakov	17-Jan-2002	09-844642	27-Apr-2001
34	20020007488	Transparent object management for removable media recorders	Kikinis, Dan; Kamen, Yakov	17-Jan-2002	09-858762	15-May-2001
35	20020019980	Remote control of program scheduling	Kikinis, Dan	14-Feb-2002	09-875546	5-Jun-2001
36	20020010925	Remote control of program scheduling	Kikinis, Dan	24-Jan-2002	09-875460	5-Jun-2001
37	20020059597	Method and apparatus for notifying users of interactive functions	Kikinis, Dan; Kamen, Yakov	24-Jan-2002	09-875707	5-Jun-2001
38	20020019732	Interactivity using voice commands	Kikinis, Dan; Kamen, Yakov; Feroglia, Gene	14-Feb-2002	09-875461	5-Jun-2001
39	20020019986	Enhanced home entertainment system with removable long-term storage	Kikinis, Dan	14-Feb-2002	09-875547	5-Jun-2001
40	20020049982	Integrated book-marking system for existing set-top boxes including those without browsing capabilities and those unable to expand to support browsing or interactive linking	Kikinis, Dan	25-Apr-2002	09-947286	5-Sep-2001
45	20020073428	Downloading and transfer of audio or video data from video broadcasts	Gurevich, Leonid; Kazantsev, Sergei; Olkha, Lev; Zaslavsky, Eduard	13-Jun-2002	09-733824	8-Dec-2000
46	20020047849	Method and system for modification of EPG object attributes	Kamen, Yakov	25-Apr-2002	09-909630	19-Jul-2001
47	20020085090	Method and apparatus for generation of a preferred broadcasted programs list	Kamen, Yakov	4-Jul-2002	10-029784	19-Oct-2001

**SCHEDULE A**  
Published Patent Applications

USPTO Application Number	Title	Inventor(s)	Date Application Number Assigned	Serial Number	Filing Date
48 20020083452	Method and system for inserting a new channel into a list of preferred channels	Kikinis, Dan	27-Jun-2002	10-029508	19-Oct-2001
49 20020087595	Method and apparatus for virtual editing of multimedia presentations	Friedman, Glen; Kikinis, Dan	4-Jul-2002	09-997713	29-Nov-2001
50 20020087985	Methods and apparatuses for displaying meaningful abbreviated program titles	Kamen, Yakov; Shkolnik, Boris	4-Jul-2002	09-997336	29-Nov-2001
52 20020083450	Method and system for content-based broadcasted program selection	Kamen, Yakov; Kikinis, Dan	27-Jun-2002	10-008229	30-Nov-2001
53 20020093594	Method and system for identifying addressing data within a television presentation	Kikinis, Dan	18-Jul-2002	10-011856	4-Dec-2001
55 20020166122	Image-oriented electronic programming guide	Kikinis, Dan; Howe, Rick; Kamen, Yakov	7-Nov-2002	10-072114	5-Feb-2002
56 20020113798	Modifying object geometry to accommodate information attributes	Kamen, Yakov	22-Aug-2002	10-059943	28-Jan-2002
57 20020129369	Mechanism and apparatus for construction of modular-based interactive programming guides and TV portals	Kamen, Yakov	12-Sep-2002	10-059547	28-Jan-2002
58 20020124264	Freezing live video frames with interactive links	Kikinis, Dan	5-Sep-2002	10-087778	1-Mar-2002
59 20020124254	Method and system for advertising based on the content of selected channels or broadcasted programs	Kikinis, Dan	5-Sep-2002	10-085886	27-Feb-2002
60 20020188946	Method and system for interactive programming guide background selection	Kohne, Brian	12-Dec-2002	10-090206	1-Mar-2002
61 20030014752	Method and apparatus for generating a mosaic style electronic programming guide	Zastavsky, Eduard; Oikha, Lev	16-Jan-2003	10-157574	28-May-2002
63 20020129370	Method and system for implementing an electronic program guide	Kikinis, Dan	12-Sep-2002	10-071091	7-Feb-2002
64 20020122079	Multimedia interactive device function selection based upon button depression duration	Kamen, Yakov; Kikinis, Dan	5-Sep-2002	10-087975	1-Mar-2002
65 20030023976	Novel method for making selections in search criteria in TV EPGs	Kamen, Yakov; Kikinis, Dan; Kohne, Brian	30-Jan-2003	10-159543	31-May-2002

**SCHEDULE A**  
Published Patent Applications

ISurfTV Docket Number	USPTO Application Number	Title	Inventor(s)	Application Number Assigned	Serial Number	Filing Date
66	20030046698	Methods and apparatuses for conducting a TV EPG search in various search time periods	Kamen, Yakov; Kikinis, Dan; Kimball, Brian	6-Mar-2003	10-166810	10-Jun-2002
67	20030011636	Method for magnifying images on a display screen and an interactive television guide system implementing the method	Feroglia, Gene; Kohne, Brian; Kikinis, Dan	16-Jan-2003	10-171024	11-Jun-2002
68	20030009757	Method for displaying channel listings in an electronic program guide and an electronic program guide implementing the method	Kikinis, Dan	9-Jan-2003	10-171230	11-Jun-2002
69	2003001470	Methods and system for controlling access to individual titles	Kamen, Yakov	16-Jan-2003	10-177462	19-Jun-2002
70	20030007782	Method and system for replacing/obscuring titles and descriptions of recorded content	Kamen, Yakov	9-Jan-2003	10-177502	19-Jun-2002
71	20030023980	Customer self service in interactive TV environment for TV programming packages	Kikinis, Dan; Kamen, Yakov; Kimball, Brian	30-Jan-2003	10-179708	24-Jun-2002
72	20030014546	Method and system for enabling visitors to subscribe to currently-viewed programming packages	Kikinis, Dan; Feroglia, Gene; Kamen, Yakov; Kimball, Brian	16-Jan-2003	10-179713	24-Jun-2002
74	20030028881	Method for providing program information in a hierarchical manner and interactive program guide system implementing the method	Kazantsev, Sergei; Olkha, Lev; Zaslavsky, Eduard; Turynenko, Sergey	6-Feb-2003	10-171352	11-Jun-2002
75	20020073219	Simulcast web page delivery	Kikinis, Dan	13-Jun-2002	09-718595	21-Nov-2000
77	20020093513	Mechanism and apparatus for realistic 3D model creation using interactive scissors	Kamen, Yakov; Shimman, Leon	18-Jul-2002	10-039589	4-Jan-2002
81	20020167515	Method and apparatus for 3D model creation based on 2D images	Kamen, Yakov; Shimman, Leon	14-Nov-2002	10-144055	10-May-2002
82	20020171686	Electronic programming guide	Kamen, Yakov; Shimman, Leon	21-Nov-2002	10-156167	28-May-2002

**SCHEDULE A**  
Other Pending Applications

iSurf Docket Number	Title	Inventor(s)	Provisional Filing Date	Provisional Number	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
11	Method for using banner advertisements during commercial breaks	Kamen, Yakov; Shimman, Leon	N/A	24-Nov-1999	09-449016	13-Nov-2000	WO 01-39493	
13	Method and apparatus for controlling the movement or changing the appearance of a three-dimensional element	Kamen, Yakov; Shimman, Leon	16-Feb-2000	60-182838	15-Feb-2001	09-784961	16-Feb-2001	WO 01-61996
14	Mechanism and apparatus for a 3D enabled web navigator	Kamen, Yakov; Shimman, Leon	16-Feb-2000	60-182870	15-Feb-2001	09-784940	16-Feb-2001	WO 01-60142
15	Method and system for optimal usage of memory for storing scheduling and guide data in 3D enabled EPG	Kamen, Yakov; Shimman, Leon	16-Mar-2000	60-190327	18-Oct-2000	09-691794		
16	Method and system for adaptive electronic programming guide	Kamen, Yakov; Shimman, Leon	16-Mar-2000	60-190349	18-Oct-2000	09-691792		
17	Novel method for EPG use in conjunction with object databases	Kikinis, Dan	27-Mar-2000	60-192163	18-Oct-2000	09-691796		
18	Real world/virtual world correlation system using a 3D graphics pipeline	Kikinis, Dan	5-Apr-2000	60-194977	31-Oct-2000	09-704387	3-Apr-2001	WO 01-78014
19	Universal programming system for EPG	Kamen, Yakov; Shimman, Leon	20-Apr-2000	60-199013	7-Nov-2000	09-708220	10-Apr-2001	WO 01-82594
22	Novel method for EPG use in conjunction with objects	Kikinis, Dan	6-Apr-2000	60-195161	18-Oct-2000	09-691790		
24	New method for finding the same or similar shows	Kikinis, Dan	5-May-2000	60-202303	29-Dec-2000	09-752612		
27	Dual-screen set-top box	Kikinis, Dan	27-Apr-2000	60-200514	27-Apr-2001	09-844998		
28	Novel time/channel navigation method for EPGs	Kikinis, Dan	20-Apr-2000	60-199009	31-Aug-2000	09-653518		
29	3D enhanced advertising for regular TV broadcast of 2D video	Kikinis, Dan	11-May-2000	60-203496	13-Feb-2001	09-782896		
30	Three-dimensional light electronic programming guide	Kikinis, Dan	8-May-2000	60-203128	19-Sep-2000	09-665367	21-May-2001	WO 02-25626
31	Localized advertising using localized 3D templates	Kikinis, Dan	16-May-2000	60-204875	13-Feb-2001	09-782916		
32	Perpendicular view three-dimensional electronic programming guide	Kamen, Yakov; Kikinis, Dan	2-Jun-2000	60-208883	19-Sep-2000	09-664843		
33	Insertion of recorded media into a broadcast	Kamen, Yakov; Kikinis, Dan	13-Jun-2000	60-211355	13-Sep-2000	09-661164	9-Apr-2001	WO 01-95694
41	Enhanced interactive messaging environment	Olkha, Lev; Gurevich, Leonid; Kazansev, Sergei; Zaslavsky, Eduard	11-Aug-2000	60-224824	19-Sep-2000	09-664844		
42	T-commerce of non-video information associated with TV programs	Olkha, Lev; Gurevich, Leonid; Kazansev, Sergei; Zaslavsky, Eduard	30-Aug-2000	60-229249	8-Dec-2000	09-773806		
43	Real-time notification of TV shows matching specified criteria	Olkha, Lev; Gurevich, Leonid; Kazansev, Sergei; Zaslavsky, Eduard	30-Aug-2000	60-229250	8-Dec-2000	09-773771		

**SCHEDULE A**  
Other Pending Applications

Surfin' Docket Number	Title	Inventor(s)	Provisional Filing Date	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
44	Enhanced integrated book-marking system for existing set-top boxes including those without browsing capabilities and those unable to support browsing or interactive linking	Olkha, Lev; Gurevich, Leonid; Kazantsev, Sergei; Zaslavsky, Eduard; Kikinis, Dan	6-Sep-2000	60-230494	8-Dec-2000	09-733310	
51	Alphabetic search using single application of keys	Kikinis, Dan	1-Dec-2000	60-250980	28-Nov-2001	09-996456	3-Dec-2001 WO 02-44-880
62	A method for implementing an electronic program guide	Zaslavsky, Eduard; Kikinis, Dan	29-May-2001	60-294455	28-May-2002	10-157437	
73	Use of templates for cost-effective secure linking of video stream objects	Kamen, Yakov; Shimman, Leon			26-Mar-2001		
78	Enhanced personal video recorder architecture	Kikinis, Dan	25-Jan-2002	60-352187	25-Jan-2003	10-351228	
79	Audio command and response for IPGs	Kikinis, Dan	25-Jan-2002	60-352142	25-Jan-2003	10-351027	
80	Multi-viewpoint portholes in a 3D rendering environment	Kamen, Yakov; Mizutani, Yoshihiro	28-Feb-2002	60-360582			
83	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
84	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
85	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
86	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
87	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
88	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
89	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan					
90	Compact IPG	Ezekwe, David					
91	Method of video recording spam control for a high-capacity storage system	Kamen, Yakov					
92	Mechanism and apparatus for adaptive, fast, cost effective texture mapping in 3D rendering	Gordon, Iouri; Ezekwe, David; Kazantsev, Sergei; Kamen, Yakov; Mizutani, Yoshihiro					
93	Mechanism and apparatus for adaptive event description generation using multi-resolutional description database	Kamen, Yakov					
94	Method and apparatus for effective content recording in digital personal video recorders	Kamen, Yakov					

**SCHEDULE A**  
Other Pending Applications

SurfTV Docket Number	Title	Inventor(s)	Provisional Filing Date	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
95	Method and apparatus for effective information storage in high-capacity personal video recorders	Kamen, Yakov					
96	Using XML-based descriptors and procedural texture mapping pipeline to generate text-based textures	Kamen, Yakov					

SCHEDULE A  
Combined Patent Applications

ISURRY Docket Number	Title	Inventor(s)	Provisional Filing Date	Provisional Number	Utility Filing Date	Utility Serial Number	PCT Filing Date	PCT Number	NOTES
7	Method and apparatus for interactive marking of moving objects in video streams and animated image sequences	Kamen, Yakov; Shimman, Leon	N/A	3-Sep-1999	2-Sep-1999	WO 01-18676	PCT combined -Docket #9		
8	Method and apparatus for recognition of optimal intermediate key frame for object tracking in video streams and animated sequences	Kamen, Yakov; Shimman, Leon	N/A	N/A	3-Sep-1999	2-Sep-1999	WO 01-18676	PCT combined -Docket #9	

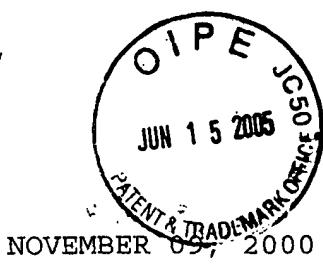
**SCHEDULE A**  
Abandoned Patent Applications

iSurfTV Docket Number	Title	Inventor(s)	Provisional Filing Date	Provisional Number	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
4	Novel method and apparatus for controlling video programming	Kamen, Yakov; Shirman, Leon	3-Feb-1999	N/A	20-Aug-1999	N/A	2-Feb-2000	WO 00-466680
4a	Remote control device	Kamen, Yakov; Shirman, Leon	25-Jun-1999	N/A	20-Aug-1999	N/A	2-Feb-2000	WO 00-466680

**SCHEDULE A**  
Foreign Patent Filings

Attorney Number	ISurfTV Docket	Reference No.	International Filing Date	PCT Application #	Publication No.	Status	Additional Information
BSTZ	13	P001PCT	16-Feb-2001	PCT/US01/05056	WO 01/61996 A1	Published 08/23/2001	Written Opinion mailed 7/24/02
BSTZ	18	P006PCT	3-Apr-2001	PCT/US01/11165	WO 01/78014 A1	Published 10/18/2001	Prelim Exam mailed 4/19/02
BSTZ	21	P017PCT	11-May-2001	PCT/US01/15405	WO 01/86949 A1	Published 11/15/2001	Prelim Exam mailed 2/25/2002
BSTZ	39	P027PCT	10-Aug-2001	PCT/US01/41664	WO 02/15594 A1	Published 02/21/2002	Prelim Exam mailed 02/13/2003
BSTZ	48	P037PCT	19-Oct-2001	PCT/US01/51571	WO 03/005147 A2	Published 01/16/2003	Response to Invitation to Correct Defects filed 12/09/2002
BSTZ	51	P051PCT	3-Dec-2001	PCT/US01/46378	WO 02/044880 A1	Published 06/06/2002	Search Report mailed 3/25/02
BSTZ		P051CA	30-May-2003	not yet assigned		awaiting exam	
BSTZ	53	P053PCT	4-Dec-2001	PCT/US01/46802	WO 02/47390 A1	Published 06/13/2002	Search Report mailed 5/13/02
BSTZ	56	P058PCT	1-Feb-2002	PCT/US02/02670	WO 02/065313 A1	Published 08/22/2002	Search Report mailed 6/21/02
BSTZ	71	P071PCT	25-Jun-2002	PCT/US02/20306	WO 03/001789 A2	Published 01/03/2003	Search Report mailed 12/18/02
Attorney Number	ISurfTV Docket	Reference No.	International Filing Date	International Application No.	PCT Application #	PCT Notes	
Leeds	1	isurfTV1-CN	3-Feb-2000	00803291.2	PCT/US00/02538	national phase	
Leeds	1	isurfTV1-EP	3-Feb-2000	00905959.3	PCT/US00/02538	regional phase	
Leeds	1	isurfTV1-JP	3-Feb-2000	2000-597760	PCT/US00/02538	regional phase	
Leeds	2	isurfTV2-EP	2-Feb-2000	00913354.7	PCT/US00/02786	regional phase	
Leeds	7	isurfTV7-CN	2-Sep-2000	00812075.7	PCT/US00/124263	regional phase	
Leeds	7	isurfTV7-EP	2-Sep-2000	00959860.8	PCT/US00/124263	regional phase	
Leeds	7	isurfTV7-JP		2001-522419	PCT/US00/124263	national phase	
Leeds	11	isurfTV11-EP	13-Nov-2000	00978601.3	PCT/US00/31195	regional phase	
Leeds	12	isurfTV12-EP	12-Jan-2001	01902035.3	PCT/US01/01054	regional phase	

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**09/378270** **09/378184** **09/390047**

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09/417991

09/449016

09/390044

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Yakov Kamen of 19334 Greenwood Dr., Cupertino, CA 95014, and Leon Shirman of 870 Seminole Way, Redwood City, CA 94062, hereby sell, assign and transfer to ISURFTV, a California corporation, having a place of business at 413 Tasman Drive, Sunnyvale, CA 94089, its successors and assigns, the entire right, title and interest throughout the world in our following inventions.

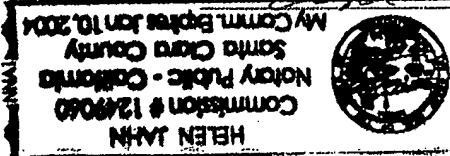
1. Our invention entitled "Method and Apparatus for Using a General Three-Dimensional (3D) Graphics Pipeline for Cost Effective Digital Image and Video Editing, Transformation and Representation," for which we filed U.S. Patent Application 09/344,442 on June 25, 1999 (docket number isurfTV1).
2. Our invention entitled "Method and Apparatus for 3D Model Creation Based on 2D Images" for which we filed U.S. Patent Application 09/361,470 on July 27, 1999 (docket number isurfTV2).
3. Our invention entitled "Mechanism and Apparatus for Realistic 3D Model Creation Using Interactive Scissors" for which we filed U.S. Patent Application 09/374,876 on August 16, 1999 (docket number isurfTV3).
4. Our invention entitled "Remote Control Device" for which we filed U.S. Patent Application 09/378,270 on August 20, 1999 (docket number isurfTV4A).
5. Our invention entitled "Novel Method and Apparatus for Controlling Video Programming" for which we filed U.S. Patent Application 09/378,184 on August 20, 1999 (docket number isurfTV4).
6. Our invention entitled "Bandwidth Effective Method for Communicating Interactive Links" for which we filed U.S. Patent Application 09/390,047 on September 3, 1999 (docket number isurfTV9).
7. Our invention entitled "Use of Templates for Cost-Effective Secure Linking of Video Streams" for which we filed U.S. Patent Application 09/417,991 on October 13, 1999 (docket number isurfTV10).
8. Our invention entitled "Method for Using Banner Advertisements During Commercial Breaks" for which we filed U.S. Patent Application 09/449,016 on November 24, 1999 (docket no. isurfTV11).
9. Our invention entitled "Method and Apparatus for Interactive Marking of Moving Objects in Video Streams and Animated Image Sequences" for which we filed U.S. Patent Application 09/390,044 on September 3, 1999 (docket number isurfTV7).

Attorney Docket No.: ISURFTV

10. Our invention entitled "Method and Apparatus for Recognition of Optimal Intermediate Key Frame for Object Tracking in Video Streams and Animated Sequences" for which we filed U.S. Patent Application 09/389,916 on September 3, 1999 (docket number isurfTV8).
  11. Our invention entitled "Method and Apparatus for Using a 3D Graphics Pipeline and 3D Imaging For Cost Effective Watermarking" for which we filed U.S. Patent Application 09/398,568 on September 16, 1999 (docket number isurfTV5).
  12. Our invention entitled "Electronic Programming Guide", for which we filed U.S. Patent Application 09/488,361 on January 16, 2000 (docket number isurfTV12).

We also assign to ISURFTV all patent applications and patents of every country for said inventions, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said inventions, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said inventions in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said inventions to the above-named assignee, its successors and assigns.

Executed this 5 day of September, 2000.



\* Yakov Kamen

**State of California**

i 55

County of Santa Clara )

On Sept 5, 2000, before me, Yakov Kamen personally appeared Yakov Kamen, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument he executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

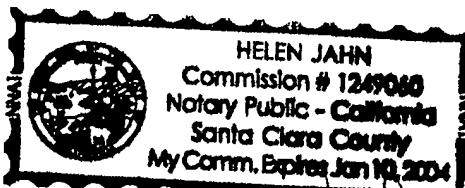
Attorney Docket No.: ISURFTV

Executed this 5 day of September, 2000.

Leon A. Shirman

Leon Shirman

State of California )  
                      )  
                      ) ss  
County of Santa Clara )



Leon Shirman

On Sept. 5, 2000, before me, Helen Jahn personally appeared Leon Shirman, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument he executed the instrument.

WITNESS my hand and official seal

Helen Jahn  
Signature of Notary

A0598551

State of California



SECRETARY OF STATE

I, *Kevin Shelley*, Secretary of State of the State of California, hereby certify:

That the attached transcript of 1 page(s) has been compared with the record on file in this office, of which it purports to be a copy, and that it is full, true and correct.

**IN WITNESS WHEREOF**, I execute this certificate and affix the Great Seal of the State of California this day of

JUL - 7 2003



*Kevin Shelley*  
Secretary of State

A0598551

CERTIFICATE OF AMENDMENT

OF ISURFTV

Gene Feroglia and Katherine Y. Marshall certify that:

ENDORSED - FILED  
In the office of the Secretary of State  
of the State of California

JUL - 7 2003

KEVIN SHELLEY  
Secretary of State

1. They are the duly elected and acting President and Secretary, respectively, of iSurfTV, a California corporation (the "Corporation").
2. Article I of the Corporation's Fourth Amended and Restated Articles of Incorporation, which were filed with the California Secretary of State on July 12, 2002, which presently reads as follows:

"The name of the Corporation is iSurfTV"

is amended to read as follows:

"The name of the corporation is Etalon Systems, Inc."

3. The foregoing amendment of the Fourth Amended and Restated Articles of Incorporation has been duly approved by the Board of Directors of the Corporation.

4. The foregoing amendment of the Fourth Amended and Restated Articles of Incorporation has been duly approved by the required vote of the shareholders of the Corporation in accordance with Sections 603 and 903 of the California General Corporation Law. The total number of outstanding shares of this corporation entitled to vote with respect to the foregoing Certificate of Amendment to Fourth Amended and Restated Articles of Incorporation was 9,083,535 shares of Common Stock, 937,500 shares of Series A Preferred Stock, 3,246,373 shares of Series B Preferred Stock, 411,523 shares of Series B-1 Preferred Stock and 1,028,513 shares of Series C Preferred Stock. The number of shares voting in favor of the amendment equaled or exceeded the vote required, such required vote being at least a majority of the total number of outstanding shares of Common Stock, at least a majority of the total number of outstanding shares of Preferred Stock and at least a majority of the total number of outstanding shares of Series C Preferred Stock.

The undersigned declares under penalty of perjury under the laws of the State of California that he has read the foregoing Certificate of Amendment and that the matters set forth in this Certificate are true and correct to his own knowledge.

Executed at Sunnyvale, California on July 3, 2003.

  
Gene Feroglia, President

  
Katherine Y. Marshall, Secretary



FORM PTO-1595 (Modified)  
 (Rev. 03-01)  
 OMB No. 0651-0027 (exp. 5/31/2002)  
 P08/REV03

## RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Tab settings → → → ▼

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▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Etalon Systems, Inc.**

2. Name and address of receiving party(ies):

Name: Eagle New Media Investments, LLCInternal Address: c/o Tribune Media Services, Inc.

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement    | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____           |   |

Execution Date: July 14, 2003Street Address: 435 North Michigan AvenueCity: Chicago State: IL ZIP: 60611Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/854,334; 09/854,339; 09/783,886;  
09/783,932; 09/844,642; 09/858,762;  
09/875,546; 09/875,460; 09/875,707;  
09/875,461; 09/875,547; 09/947,286;  
09/733,824; 09/909,630; 10/029,784;

## B. Patent No.(s)

6,342,884; 6,456,287; 6,356,280; 6,452,594;  
6,570,586; 6,229,541; 6,421,067; 6,205,485;  
and 6,525,728

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 76Name: Robert J. Depke7. Total fee (37 CFR 3.41): ..... \$ 3,040.00Internal Address: Holland & Knight LLC

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

Street Address: 131 South Dearborn, 30th Floor

8. Deposit account number:

City: Chicago State: IL ZIP: 6060350-1597

(Attach duplicate copy of this page if paying by deposit account)

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Philip W. Woo, Reg. No. 39,880

DO NOT USE THIS SPACE

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document: 22

July 18, 2003

Date

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

**EXHIBIT B**

## **RECORDATION FORM COVER SHEET**

# PATENTS ONLY

### **Tab settings**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <u>Etalon Systems, Inc.</u>		2. Name and address of receiving party(ies):
		Name: <u>Eagle New Media Investments, LLC</u> Internal Address: <u>c/o Tribune Media Services, Inc.</u>
Additional names(s) of conveying party(ies)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance:		
<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		
Execution Date: <u>July 14, 2003</u>		Street Address: <u>435 North Michigan Avenue</u>
		City: <u>Chicago</u> State: <u>IL</u> ZIP: <u>60611</u>
4. Application number(s) or patent numbers(s):  If this document is being filed together with a new application, the execution date of the application is: _____		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>A. Patent Application No.(s)</b> <u>09/854,334; 09/854,339; 09/783,886;</u> <u>09/783,932; 09/844,642; 09/858,762;</u> <u>09/875,546; 09/875,460; 09/875,707;</u> <u>09/875,461; 09/875,547; 09/947,286;</u> <u>09/733,824; 09/909,630; 10/029,784;</u>		<b>B. Patent No.(s)</b> <u>6,342,884; 6,456,287; 6,356,280; 6,452,594;</u> <u>6,570,586; 6,229,541; 6,421,067; 6,205,485;</u> <u>and 6,525,728</u>
		Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: <u>76</u>
Name: <u>Robert J. Depke</u>		
Internal Address: <u>Holland &amp; Knight LLC</u>		
Street Address: <u>131 South Dearborn, 30th Floor</u>		7. Total fee (37 CFR 3.41): ..... \$ <u>3,040.00</u>
		<input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account
		<input checked="" type="checkbox"/> Authorized to be charged to deposit account
City: <u>Chicago</u> State: <u>IL</u> ZIP: <u>60603</u>		8. Deposit account number:  <u>50-1597</u>
		(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

**9. Statement and signature.**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Philip W. Woo, Reg. No. 39,880

**Name of Person Signing**

**Signature**

July 18, 2003

Date

Total number of pages including cover sheet, attachments, and document:

DOCKET NO.: 90795/12650

EXPRESS MAIL NO.: EV 305 257 721 US

U.S. DEPARTMENT OF COMMERCE

FORM PTO-1595

1-31-92

RECORDATION FORM COVER SHEET - Page Two Patent and Trademark Office  
PATENTS ONLY

To the Honorable Director of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Additional name(s) of conveying party(ies):

2. Additional Names and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Additional Application number(s) or patent number(s):

A. Patent Application No.(s)

10/029,508; 09/997,713; 09/997,336; 10/008,229;  
10/011,856; 10/072,114; 10/059,943; 10/059,547;  
10/087,778; 10/085,886; 10/090,206; 10/157,574;  
10/071,091; 10/087,975; 10/159,543; 10/166,810;  
10/171,024; 10/171,230; 10/177,462; 10/177,502;  
10/179,708; 10/179,713; 10/171,352; 09/718,595;  
10/039,589; 10/144,055; 10/156,167; 09/449,016;  
09/784,961; 09/784,840; 09/691,794; 09/691,792;  
09/691,796; 09/704,387; 09/708,220; 09/691,790;  
09/752,612; 09/844,998; 09/653,518; 09/782,896;  
09/665,367; 09/782,916; 09/664,843; 09/661,164;  
09/664,844; 09/773,806; 09/773,771; 09/733,310;  
09/996,456; 10/157,437; 10/351,228; and 10/351,027

B. Patent No.(s)

## ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS

- A. **WHEREAS**, Etalon Systems, Inc., a California corporation formerly known as iSurfTV ("Assignor"), and Eagle New Media Investments, LLC, a Delaware limited liability company ("Assignee"), are parties to that certain Asset Purchase Agreement dated as of July 2, 2003 (the "Purchase Agreement"), pursuant to which Assignee has agreed to purchase certain assets of Assignor, and Assignor has agreed to cause the same to be transferred, assigned and contributed to Assignee;
- B. **WHEREAS**, Assignor, warrants, affirms, and declares, without limitation, that Assignor is the sole owner of all rights in or under the intellectual property rights identified on Schedule A attached hereto.
- C. **WHEREAS**, Assignee desires to acquire all intellectual property rights identified on Schedule A attached hereto.
- D. **NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby irrevocably sells, transfers, conveys and assigns to Assignee, its successors and assigns all intellectual property rights identified on Schedule A attached hereto and all goodwill associated therewith.
- E. Assignor and Assignee agree and confirm that the worldwide intellectual property rights that are hereby sold, transferred, conveyed and assigned to Assignee herein specifically include, without limitation, the following:
  - 1. the patents, patent registrations, patent applications (including, without limitation, provisional applications, and regardless of whether such applications are current or abandoned) and abandoned patents identified on Schedule A (the "Patents"), including all patent licenses, divisional applications, continuing applications, continuation-in-part applications, reissue filings and reissue patents, reexamination filings and reexamined patents, and the inventions disclosed and claimed in these Patents;
  - 2. all trademarks, service marks, trade names and company names, whether registered or unregistered, identified on Schedule A (the "Marks"), including, trademark and service mark registrations and renewals thereof, use-based applications for registration, and intent-to-use applications for registration, and all goodwill associated with the foregoing;
  - 3. all copyrights identified on Schedule A (the "Copyrights"), including any and all renewals, reversions and extensions thereof; and
  - 4. all claims, demands and causes of action which relate to any infringement of the Patents, Marks, or Copyrights, including rights to all past damages, profits

and other monetary and other remedies available, arising or accruing by reason of any infringement that has occurred prior to the effective date of this Assignment of Intellectual Property Rights, and to sue for and collect same by the Assignee for the use and benefit of the Assignee and its successors and assigns.

- F. Assignor further hereby appoints Assignee as its attorney-in-fact with respect to the Patents, Marks and Copyrights, to act in Assignor's name, place and stead to execute, deliver and record any instrument of assignment or other document in any country in which the Patents, Marks and/or Copyrights are or were pending or issued, granting, confirming, perfecting the transfer of or otherwise relating to the rights assigned herein.
- G. Assignor agrees that it shall execute all documents reasonably necessary to perfect Assignee's title to the Patents, Marks and Copyrights.
- H. Nothing contained herein in any way limits the scope of the Purchased Assets being transferred by Assignor to Assignee pursuant to the Purchase Agreement.
- I. The Assignor and Assignee acknowledge that this Assignment of Intellectual Property Rights may be executed in counterparts, each of which will be deemed an original, but both of which together will constitute one and the same instrument.

IN WITNESS WHEREOF Assignor and Assignee have executed this Assignment of Intellectual Property Rights this 14<sup>th</sup> day of July, 2003.

ETALON SYSTEMS, INC.,  
formerly known as ISURFTV,  
Assignor

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_



EAGLE NEW MEDIA  
INVESTMENTS, LLC, Assignee

By Tribune Company, its sole  
manager

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

IN WITNESS WHEREOF Assignor and Assignee have executed this Assignment of Intellectual Property Rights this \_\_\_\_\_ day of July, 2003.

ETALON SYSTEMS, INC.,  
formerly known as ISURFTV,  
Assignor

By: \_\_\_\_\_  
Name:  
Title:

EAGLE NEW MEDIA  
INVESTMENTS, LLC, Assignee

By Tribune Company, its sole  
manager

By: David J. Granat  
Name: David J. Granat  
Title: Vice President

STATE OF CALIFORNIA)

) SS.:

COUNTY OF SANTA CLARA)

On this 11<sup>th</sup> day of July, 2003, before me personally appeared  
Leo R. Feroglia, to me known and known to be President & CEO,  
Etalon Systems, Inc., formerly known as iSurfTV, the corporation which  
executed the foregoing instrument, and he acknowledged to me that he executed the same.



Vinay Desai

Notary Public

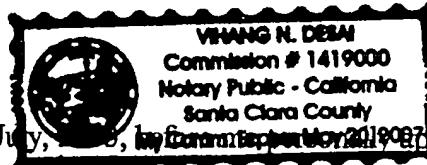
My Commission expires MAY 20<sup>th</sup>, 2007

STATE OF ILLINOIS)

) SS.:

COUNTY OF COOK)

On this \_\_\_\_\_ day of July, 2003, before me personally appeared  
\_\_\_\_\_, to me known and known to be \_\_\_\_\_, the  
\_\_\_\_\_ of Tribune Company, the sole manager of Eagle New Media Investments  
LLC, the corporation which executed the foregoing instrument, and he acknowledged to me that  
he executed the same.



Notary Public

My Commission expires \_\_\_\_\_

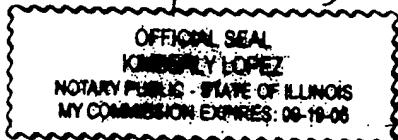
STATE OF CALIFORNIA)  
                        ) SS.:  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_ day of July, 2003, before me personally appeared  
\_\_\_\_\_, to me known and known to be \_\_\_\_\_, the  
\_\_\_\_\_ of Etalon Systems, Inc., formerly known as iSurfTV, the corporation which  
executed the foregoing instrument, and he acknowledged to me that he executed the same.

\_\_\_\_\_  
Notary Public  
My Commission expires \_\_\_\_\_

STATE OF ILLINOIS)  
                        ) SS.:  
COUNTY OF COOK)

On this \_\_\_\_ day of July, 2003, before me personally appeared David J. Granat, to  
me known and known to be a Vice President of Tribune Company, the sole manager of Eagle  
New Media Investments LLC, the corporation which executed the foregoing instrument, and he  
acknowledged to me that he executed the same.

*Karenely Lopez*  
\_\_\_\_\_  
  
OFFICIAL SEAL  
KARENELY LOPEZ  
NOTARY PUBLIC - STATE OF ILLINOIS  
MY COMMISSION EXPIRES: 09-19-06

\_\_\_\_\_  
Notary Public  
My Commission expires 9-19-06

## SCHEDULE A

### Marks

Title: iSurfTV

Reg. No.:

Date registered:

---

Title: SurfGuide

Reg. No.:

Date registered:

Title: SurfSuite

Reg. No.:

Date registered:

Title: SurfLine

Reg. No.:

Date registered:

Title: SurfLink

Reg. No.:

Date registered:

Title: SurfServer

Reg. No.:

Date registered:

### Copyrights

Title: SurfServer source code and all related documentation.

Reg. No.:

Date registered:

Title: SurfLine source code and all related documentation.

Reg. No.:

Date registered:

Title: SurfGuide source code and all related documentation.

Reg. No.:

Date registered:

### Patents

See attached spreadsheet.

**SCHEDULE A**  
Issued Patents

iSurfTV Docket Number	Patent Number	Title	Inventor(s)	Issue Date
1	6,342,884	Method and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital image and video editing, transformation, and representation	Kamen, Yakov; Shirman, Leon	29-Jan-2002
2	6,456,287	Method and apparatus for 3D model creation based on 2D images	Kamen, Yakov; Shirman, Leon	24-Sep-2002
3	6,356,280	Mechanism and apparatus for realistic 3D model creation using interactive scissors	Kamen, Yakov; Shirman, Leon	12-Mar-2002
5	6,452,594	Method and apparatus for using a 3D graphics pipeline and 3D imaging for cost effective watermarking	Kamen, Yakov; Shirman, Leon	17-Sep-2002
9	6,570,586	Bandwidth effective method for communicating interactive links	Kamen, Yakov; Shirman, Leon	27-May-2003
10	6,229,541	Use of templates for cost-effective secure linking of video stream objects	Kamen, Yakov; Shirman, Leon	8-May-2001
12	6,421,067	Electronic programming guide	Kamen, Yakov; Shirman, Leon	16-Jul-2002
54	6,205,485	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan	20-Mar-2001
76	6,525,728	Method and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital image and video editing, transformation, and representation	Kamen, Yakov; Shirman, Leon	25-Feb-2003

**SCHEDULE A**  
Published Patent Applications

iSurfTV Docket Number	USPTO Application Number	Title	Inventor(s)	Date Application Number Assigned	Serial Number	Filing Date
20	20020059605	Universal programming system and method for EPG with localized interactive content	Kikinis, Dan; Kamen, Yakov	16-May-2002	09-854334	11-May-2001
21	20020059606	Universal programming system and method for EPG with added offline archive	Kikinis, Dan; Kamen, Yakov	16-May-2002	09-854339	11-May-2001
23	20020054066	Method and system for inputting time in a video environment	Kikinis, Dan; Kamen, Yakov	9-May-2002	09-783886	14-Feb-2001
25	200110035884	Method and system for inputting time in a video environment using sliders	Kikinis, Dan; Kamen, Yakov	1-Nov-2001	09-783932	14-Feb-2001
26	20020005910	Novel cursor control system	Kikinis, Dan	17-Jan-2002	09-844642	27-Apr-2001
34	200200074488	Transparent object management for removable media recorders	Kikinis, Dan; Kamen, Yakov	17-Jan-2002	09-858762	15-May-2001
35	20020019980	Remote control of program scheduling	Kikinis, Dan	14-Feb-2002	09-875546	5-Jun-2001
36	20020010925	Remote control of program scheduling	Kikinis, Dan	24-Jan-2002	09-875460	5-Jun-2001
37	20020059597	Method and apparatus for notifying users of interactive functions	Kikinis, Dan; Kamen, Yakov	24-Jan-2002	09-875707	5-Jun-2001
38	20020019732	Interactivity using voice commands	Kikinis, Dan; Kamen, Yakov; Feroglia, Gene	14-Feb-2002	09-875461	5-Jun-2001
39	20020019986	Enhanced home entertainment system with removable long-term storage	Kikinis, Dan	14-Feb-2002	09-875547	5-Jun-2001
40	20020049982	Integrated book-marking system for existing set-top boxes including those without browsing capabilities and those unable to expand to support browsing or interactive linking	Kikinis, Dan	25-Apr-2002	09-947286	5-Sep-2001
45	20020073428	Downloading and transfer of audio or video data from video broadcasts	Gurevich, Leonid; Kazantsev, Sergei; Olkha, Lev; Zaslavsky, Edward	13-Jun-2002	09-733824	8-Dec-2000
46	20020047849	Method and system for modification of EPG object attributes	Kamen, Yakov	25-Apr-2002	09-909630	19-Jul-2001
47	20020085090	Method and apparatus for generation of a preferred broadcasted programs list	Kamen, Yakov	4-Jul-2002	10-029784	19-Oct-2001

**SCHEDULE A**  
Published Patent Applications

iSurfTV Docket Number	USPTO Application Number	Title	Inventor(s)	Date Application Number Assigned	Serial Number	Filing Date
48	20020083452	Method and system for inserting a new channel into a list of preferred channels	Kikinis, Dan	27-Jun-2002	10-029508	19-Oct-2001
49	20020087595	Method and apparatus for virtual editing of multimedia presentations	Friedman, Glen; Kikinis, Dan	4-Jul-2002	09-997713	29-Nov-2001
50	20020087985	Methods and apparatuses for displaying meaningful abbreviated program titles	Kamen, Yakov; Shkolnik, Boris	4-Jul-2002	09-997336	29-Nov-2001
52	20020083450	Method and system for content-based broadcasted program selection	Kamen, Yakov; Kikinis, Dan	27-Jun-2002	10-008229	30-Nov-2001
53	20020093594	Method and system for identifying addressing data within a television presentation	Kikinis, Dan	18-Jul-2002	10-011856	4-Dec-2001
55	20020166122	Image-oriented electronic programming guide	Kikinis, Dan; Howe, Rick; Kamen, Yakov	7-Nov-2002	10-072114	5-Feb-2002
56	20020113798	Modifying object geometry to accommodate information attributes	Kamen, Yakov	22-Aug-2002	10-059943	28-Jan-2002
57	20020129369	Mechanism and apparatus for construction of modular-based interactive programming guides and TV portals	Kamen, Yakov	12-Sep-2002	10-059547	28-Jan-2002
58	20020124264	Freezing live video frames with interactive links	Kikinis, Dan	5-Sep-2002	10-087778	1-Mar-2002
59	20020124254	Method and system for advertising based on the content of selected channels or broadcasted programs	Kikinis, Dan	5-Sep-2002	10-085886	27-Feb-2002
60	20020188946	Method and system for interactive programming guide background selection	Kohne, Brian	12-Dec-2002	10-090206	1-Mar-2002
61	20030014752	Method and apparatus for generating a mosaic style electronic programming guide	Zastavsky, Eduard; Olkha, Lev	16-Jan-2003	10-157574	28-May-2002
63	20020129370	Method and system for implementing an electronic program guide	Kikinis, Dan	12-Sep-2002	10-071091	7-Feb-2002
64	20020122079	Multimedia interactive device function selection based upon button depression duration	Kamen, Yakov; Kikinis, Dan	5-Sep-2002	10-087975	1-Mar-2002
65	20030023976	Novel method for making selections in search criteria in TV EPGs	Kamen, Yakov; Kikinis, Dan; Kohne, Brian	30-Jan-2003	10-159543	31-May-2002

**SCHEDULE A**  
Published Patent Applications

iSurfTV Docket Number	USPTO Application Number	Title	Inventor(s)	Date Application Number Assigned	Serial Number	Filing Date
66	20030046698	Methods and apparatuses for conducting a TV EPG search in various search time periods	Kamen, Yakov; Kikinis, Dan; Kimball, Brian	6-Mar-2003	10-166810	10-Jun-2002
67	20030011636	Method for magnifying images on a display screen and an interactive television guide system implementing the method	Feroglia, Gene; Kohn, Brian; Kikinis, Dan	16-Jan-2003	10-171024	11-Jun-2002
68	20030009757	Method for displaying channel listings in an electronic program guide and an electronic program guide implementing the method	Kikinis, Dan	9-Jan-2003	10-171230	11-Jun-2002
69	20030014770	Methods and system for controlling access to individual titles	Kamen, Yakov	16-Jan-2003	10-177462	19-Jun-2002
70	20030007782	Method and system for replacing/obscuring titles and descriptions of recorded content	Kamen, Yakov	9-Jan-2003	10-177502	19-Jun-2002
71	20030023980	Customer self service in interactive TV environment for TV programming packages	Kikinis, Dan; Kamen, Yakov; Kimball, Brian	30-Jan-2003	10-179708	24-Jun-2002
72	20030014546	Method and system for enabling visitors to subscribe to currently-viewed programming packages	Kikinis, Dan; Feroglia, Gene; Kamen, Yakov; Kimball, Brian	16-Jan-2003	10-179713	24-Jun-2002
74	20030028881	Method for providing program information in a hierarchical manner and interactive program guide system implementing the method	Kazantsev, Sergei; Olkha, Lev; Zaslavsky, Eduard; Turinenco, Sergey	6-Feb-2003	10-171352	11-Jun-2002
75	20020073219	Simulcast web page delivery	Kikinis, Dan	13-Jun-2002	09-718595	21-Nov-2000
77	20020093513	Mechanism and apparatus for realistic 3D model creation using interactive scissors	Kamen, Yakov; Shimman, Leon	18-Jul-2002	10-039589	4-Jan-2002
81	20020167515	Method and apparatus for 3D model creation based on 2D images	Kamen, Yakov; Shimman, Leon	14-Nov-2002	10-144055	10-May-2002
82	20020171686	Electronic programming guide	Kamen, Yakov; Shimman, Leon	21-Nov-2002	10-156167	28-May-2002

**SCHEDULE A**  
Other Pending Applications

SurfTV Docket Number	Title	Inventor(s)	Provisional Filing Date	Provisional Number	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
11	Method for using banner advertisements during commercial breaks	Kamen, Yakov; Shimman, Leon	N/A	N/A	24-Nov-1999	09-449016	13-Nov-2000	WO 01-39493
13	Method and apparatus for controlling the movement or changing the appearance of a three-dimensional element	Kamen, Yakov; Shimman, Leon	16-Feb-2000	60-182838	15-Feb-2001	09-784961	16-Feb-2001	WO 01-61996
14	Mechanism and apparatus for a 3D enabled web navigator	Kamen, Yakov; Shimman, Leon	16-Feb-2000	60-182870	15-Feb-2001	09-784840	16-Feb-2001	WO 01-60142
15	Method and system for optimal usage of memory for storing scheduling and guided data in 3D enabled EPG	Kamen, Yakov; Shimman, Leon	16-Mar-2000	60-190327	18-Oct-2000	09-691794		
16	Method and system for adaptive electronic programming guide	Kamen, Yakov; Shimman, Leon	16-Mar-2000	60-190349	18-Oct-2000	09-691792		
17	Novel method for EPG use in conjunction with object databases	Kikinis, Dan	27-Mar-2000	60-192163	18-Oct-2000	09-691796		
18	Real world/virtual world correlation system using a 3D graphics pipeline	Kikinis, Dan	5-Apr-2000	60-194977	31-Oct-2000	09-704387	3-Apr-2001	WO 01-78014
19	Universal programming system for EPG	Kamen, Yakov; Shimman, Leon	20-Apr-2000	60-199013	7-Nov-2000	09-708220	10-Apr-2001	WO 01-82594
22	Novel method for EPG use in conjunction with objects	Kikinis, Dan	6-Apr-2000	60-195161	18-Oct-2000	09-691790		
24	New method for finding the same or similar shows	Kikinis, Dan	5-May-2000	60-202303	29-Dec-2000	09-752612		
27	Dual-screen set-top box	Kikinis, Dan	27-Apr-2000	60-200514	27-Apr-2001	09-844998		
28	Novel time/channel navigation method for EPGs	Kikinis, Dan	20-Apr-2000	60-198009	31-Aug-2000	09-653518		
29	3D enhanced advertising for regular TV broadcast of 2D video	Kikinis, Dan	11-May-2000	60-203496	13-Feb-2001	09-782896		
30	Three-dimensional light electronic programming guide	Kikinis, Dan	8-May-2000	60-203128	19-Sep-2000	09-665367	21-May-2001	WO 02-25626
31	Localized advertising using localized 3D templates	Kikinis, Dan	16-May-2000	60-204875	13-Feb-2001	09-782916		
32	Perpendicular view three-dimensional electronic programming guide	Kamen, Yakov; Kikinis, Dan	2-Jun-2000	60-208883	19-Sep-2000	09-664843		
33	Insertion of recorded media into a broadcast	Kamen, Yakov; Kikinis, Dan	13-Jun-2000	60-211355	13-Sep-2000	09-661164	9-Apr-2001	WO 01-95694
41	Enhanced interactive messaging environment	Olkha, Lev; Gurevich, Leonid; Kazantsev, Sergei; Zaslavsky, Eduard	11-Aug-2000	60-224824	19-Sep-2000	09-664844		
42	T-commerce of non-video information associated with TV programs	Olkha, Lev; Gurevich, Leonid; Kazantsev, Sergei; Zaslavsky, Eduard	30-Aug-2000	60-229249	8-Dec-2000	09-773806		
43	Real-time notification of TV shows matching specified criteria	Olkha, Lev; Gurevich, Leonid; Kazantsev, Sergei; Zaslavsky, Eduard	30-Aug-2000	60-229250	8-Dec-2000	09-773771		

**SCHEDULE A**  
Other Pending Applications

PCT Filing Date	PCT Number	USPTO Utility Serial Number	Utility Filing Date	Provisional Number	Inventor(s)	Title	SurfTV Docket Number
			09-733310	6-Sep-2000	60-230494	Enhanced integrated book-marking system for existing set-top boxes including those without browsing capabilities and those unable to support browsing or interactive linking	44
					Olkha, Lev; Gurevich, Leonid; Kazantsev, Sergei; Zaslavsky, Eduard; Kikinis, Dan		51
					Kikinis, Dan	Alphabetic search using single application of keys	61
					Zaslavsky, Eduard; Kikinis, Dan	A method for implementing an electronic program guide	62
					Kikinis, Dan	Use of templates for cost-effective secure linking of video stream objects	73
					Kamen, Yakov; Shimman, Leon	Enhanced personal video recorder architecture	78
					Kikinis, Dan	Audio command and response for IPGs	79
					Kikinis, Dan	Multi-viewpoint portholes in a 3D rendering environment	80
					Kamen, Yakov; Mizutani, Yoshihiro	Simulcast WEB page delivery using a 3D user interface system	83
					Kikinis, Dan	Simulcast WEB page delivery using a 3D user interface system	84
					Kikinis, Dan	Simulcast WEB page delivery using a 3D user interface system	85
					Kikinis, Dan	Simulcast WEB page delivery using a 3D user interface system	86
					Kikinis, Dan	Simulcast WEB page delivery using a 3D user interface system	87
					Kikinis, Dan	Simulcast WEB page delivery using a 3D user interface system	88
					Kikinis, Dan	Simulcast WEB page delivery using a 3D user interface system	89
					Ezekwe, David	Compact IPG	90
					Kamen, Yakov	Method of video recording spm control for a high-capacity storage system	91
					Gordon, Iouri; Ezekwe, David; Kazantsev, Sergei; Kamen, Yakov; Mizutani, Yoshihiro	Mechanism and apparatus for adaptive, fast, cost effective texture mapping in 3D rendering	92
					Kamen, Yakov	Mechanism and apparatus for adaptive event description generation using multi-resolutional description database	93
					Kamen, Yakov	Method and apparatus for effective content recording in digital personal video recorders	94

**SCHEDULE A**  
Other Pending Applications

iSurfTV Docket Number	Title	Inventor(s)	Provisional Filing Date	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
95	Method and apparatus for effective information storage in high-capacity personal video recorders	Kamen, Yakov					
96	Using XML-based descriptors and procedural texture mapping pipeline to generate text-based textures	Kamen, Yakov					

**SCHEDULE A**  
Combined Patent Applications

ISURTV Docket Number	Title	Inventor(s)	Provisional Filing Date	Provisional Number	Utility Filing Date	Utility Serial Number	PCT Filing Date	PCT Number	NOTES
7	Method and apparatus for interactive marking of moving objects in video streams and animated image sequences	Kamen, Yakov; Shirman, Leon	N/A	3-Sep-1999	2-Sep-1999	WO 01-18676	PCT combined -Docket #9		
8	Method and apparatus for recognition of optimal intermediate key frame for object tracking in video streams and animated sequences	Kamen, Yakov; Shirman, Leon	N/A	3-Sep-1999	2-Sep-1999	WO 01-18676	PCT combined -Docket #9		

**SCHEDULE A**  
Abandoned Patent Applications

iSurfTV Docket Number	Title	Inventor(s)	Provisional Filing Date	Provisional Number	Utility Filing Date	USPTO Utility Serial Number	PCT Filing Date	PCT Number
4	Novel method and apparatus for controlling video programming	Kamen, Yakov; Shirman, Leon	3-Feb-1999	N/A	20-Aug-1999	N/A	2-Feb-2000	WO 00-46680
4a	Remote control device	Kamen, Yakov; Shirman, Leon	25-Jun-1999	N/A	20-Aug-1999	N/A	2-Feb-2000	WO 00-46680

SCHEDULE A  
Foreign Patent Filings

Attorney Number	iSurfTV Docket Number	Reference No.	International Filing Date	PCT Application #	Publication No.	Status	Additional Information
BSTZ	13	P001PCT	16-Feb-2001	PCT/US01/03056	WO 01/61996 A1	Published 08/23/2001	Written Opinion mailed 7/24/02
BSTZ	18	P008PCT	3-Apr-2001	PCT/US01/11165	WO 01/78014 A1	Published 10/18/2001	Prelim Exam mailed 4/19/02
BSTZ	21	P017PCT	11-May-2001	PCT/US01/15405	WO 01/86949 A1	Published 11/15/2001	Prelim Exam mailed 2/25/2002
BSTZ	39	P027PCT	10-Aug-2001	PCT/US01/41664	WO 02/15594 A1	Published 02/21/2002	Prelim Exam mailed 02/13/2003
BSTZ	48	P037PCT	19-Oct-2001	PCT/US01/51571	WO 03/005147 A2	Published 01/16/2003	Response to Invitation to Correct Defects filed 12/09/2002
BSTZ	51	P051PCT	3-Dec-2001	PCT/US01/48378	WO 02/044880 A1	Published 06/06/2002	Search Report mailed 3/25/02
BSTZ		P051CA	30-May-2003	not yet assigned		awaiting exam	
BSTZ	53	P053PCT	4-Dec-2001	PCT/US01/48802	WO 02/47390 A1	Published 06/13/2002	Search Report mailed 5/13/02
BSTZ	56	P058PCT	1-Feb-2002	PCT/US02/02670	WO 02/065313 A1	Published 08/22/2002	Search Report mailed 6/21/02
BSTZ	71	P071PCT	25-Jun-2002	PCT/US02/20306	WO 03/001789 A2	Published 01/03/2003	Search Report mailed 12/18/02
Attorney Number	iSurfTV Docket Number	Reference No.	International Filing Date	International Application No.	PCT Application #	PCT Notes	
Leeds	1	isurfV1-CN	3-Feb-2000	008033291.2	PCT/US00/02838	national phase	
Leeds	1	isurfV1-EP	3-Feb-2000	00905959.3	PCT/US00/02838	regional phase	
Leeds	1	isurfV1-JP	3-Feb-2000	2000-597760	PCT/US00/02838	national phase	
Leeds	2	isurfV2-EP	2-Feb-2000	00913354.7	PCT/US00/02786	regional phase	
Leeds	7	isurfV7-CN	2-Sep-2000	00812075.7	PCT/US00/024263	national phase	
Leeds	7	isurfV7-EP	2-Sep-2000	00959860.8	PCT/US00/024263	regional phase	
Leeds	7	isurfV7-JP		2001-522419	PCT/US00/024263	national phase	
Leeds	11	isurfV11-EP	13-Nov-2000	00978601.3	PCT/US00/31195	regional phase	
Leeds	12	isurfV12-EP	12-Jan-2001	01902035.3	PCT/US01/01054	regional phase	
CN = Chinese Patent Office							
EP = European Patent Office							
JP = Japanese Patent Office							

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